

What is claimed is:

1. A method for treating an organic exhaust gas comprising:
generating an organic exhaust gas containing a harmful substance;
providing a treating liquid;
5 contacting the organic exhaust gas with the treating liquid so as to dissolve the harmful substance into the treating liquid; and
contacting bacteria with the treating gas containing the harmful substance so that the harmful substance is biochemically degraded.
2. A method for treating an organic exhaust gas according to claim 1,
10 wherein the bacteria are aquatic microbes.
3. A method for treating an organic exhaust gas according to claim 1,
wherein the bacteria are selected from a group consisting of genus Zoogloea,
genus Bacillus and genus Pseudomonas.
4. A method for treating an organic exhaust gas according to claim 1,
15 further comprising contacting the liquid-contacted organic exhaust gas with an active carbon so as to adsorb the harmful substance to the active carbon.
5. A method for treating an organic exhaust gas according to claim 1,
wherein the treating liquid is circulated only in a system for treating an organic exhaust gas comprising at least the gas-liquid contact process and the
20 biochemical degradation process.
6. A system for treating an organic exhaust gas comprising:
a gas-liquid contact unit bringing an organic exhaust gas containing a harmful substance into contact with a treating liquid so as to dissolve the harmful substance into the treating liquid; and
25 an organic substance degradation unit connected to the gas-liquid contact unit, the organic substance degradation unit biochemically degrading the harmful substance,
wherein the exhaust gas-contacted treating liquid is transferred from the gas-liquid contact unit to the organic substance degradation unit, and
30 wherein the organic substance degradation unit provides with bacteria,

which are arranged to bring into contact with the organic exhaust gas-contacted treating liquid, so that the biochemical degradation is carried out by bringing at least the exhaust gas-contacted treating liquid into contact with the bacteria.

7. A system for treating an organic exhaust gas according to claim 6,
5 wherein the organic substance degradation unit includes a carrier arranged to bring thereof into contact with the organic exhaust gas-contacted treating liquid, and wherein aquatic microbes as the bacteria are supported on the carrier.

8. A system for treating an organic exhaust gas according to claim 6,
10 further comprising an adsorption unit including an active carbon, wherein the gas-liquid contact unit and the adsorption unit are connected to each other so that the treating liquid contacted organic exhaust gas is transferred from the gas-liquid contact unit to the adsorption unit to bring the treating liquid-contacted organic exhaust gas into contact with the active carbon so as to adsorb the harmful substance to the active carbon.

15 9. A system for treating an organic exhaust gas according to claim 6,
wherein the gas-liquid contact unit and the biochemical degradation unit are connected to each other so that the bacteria-contacted treating liquid is transferred from the organic substance degradation unit to the gas-liquid contact unit, and wherein the treating liquid is circulated only in a system for treating an
20 organic exhaust gas including the gas-liquid contact unit and the biochemical degradation unit.